Health Scotland

2016
Health Informatics Conference

11-12 October 2016, Strathclyde Technology Innovation Centre

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Conference information:
www.hiscotland.info

WELCOME FROM THE CONFERENCE CHAIR

Welcome to the 2016 British Computer Society Health Informatics Scotland conference. The conference — now in its ninth year — takes place for the first time in Strathclyde's Technology Innovation Centre (TIC). At £90 million, the TIC is Strathclyde's single-biggest investment in research, technology and industry collaboration capacity.

The main themes of this year's conference are *'eHealth and Care Quality Improvement'* and *'eHealth and Integrated Care'*.

The conference will open on Tuesday morning with a session on *'Person-Centred eHealth'* including presentations from Professor Simon de Lusignan of the University of Surrey and David Evans, BCS Director for Policy and Community. This will be followed by a session on *'eHealth and Integrated Care'* featuring presentations from Dr Anne Hendry, Dr Alastair Bishop and Dr Paul Campbell, Chair of the eHealth Clinical Change Leadership Group.

In the afternoon, Eddie Turnbull, Head of eHealth at the Scottish Government, will provide an update on Scotland's eHealth programme and will present this year's *eHealth awards*. This session will also include a presentation on the progresses of the Scottish Primary Care Information Resource (SPIRE) by Sinéad Power and Heald Scott. I will be presenting on the Translation, Innovation & Technology Transfer in Ageing Network (TITTAN), a European Interreg programme conducted in collaboration with the Digital Health & Care Institute (DHI) innovation centre.

We are delighted to welcome Paul Gray, the Director-General Health and Social Care, Chief Executive of NHSScotland, who will present a keynote on Wednesday 12th October. Speaking along Paul Gray are Dr Brian Robson, Executive Clinical Director Healthcare Improvement Scotland and Mike Ogonovsky, Assistant Director of Informatics at Aneurin Bevan University Health Board. Professor Jason Leitch and Sir Harry Burns will also provide their insights on *'Care Quality improvement'* in the first session of Wednesday morning.

The ePharmacy session on Wednesday afternoon will include presentations from Professor Marion Bennie of University of Strathclyde and Professor Roma Maguire of the University of Surrey. The *'eHealth in the Community'* session on Wednesday afternoon will focus on *'eHealth & Dementia'*.

For the second year running, the conference will include an *'Industry & Implementation'* track, featuring a range of presentations on implementations case studies from our conference sponsors (see pages 5, 11 & 25 for more information about these presentations and our conference sponsors).

An *'eMental Health'* Special Interest Group workshop will take place on Wednesday morning (note the 9 am start for this workshop!)

The conference also features an exciting selection of presentations from academics in the *Research Track Conference*.

On behalf of the conference organising committee — BCS Health Scotland — I wish you all an excellent 2016 conference!

Dr. Matt-Mouley Bouamrane

Fellow of the British Computer Society and Health Informatics Conference Chair,
Lecturer in eHealth, Department of Computer and Information Sciences,
University of Strathclyde

Programme *'at a Glance'*
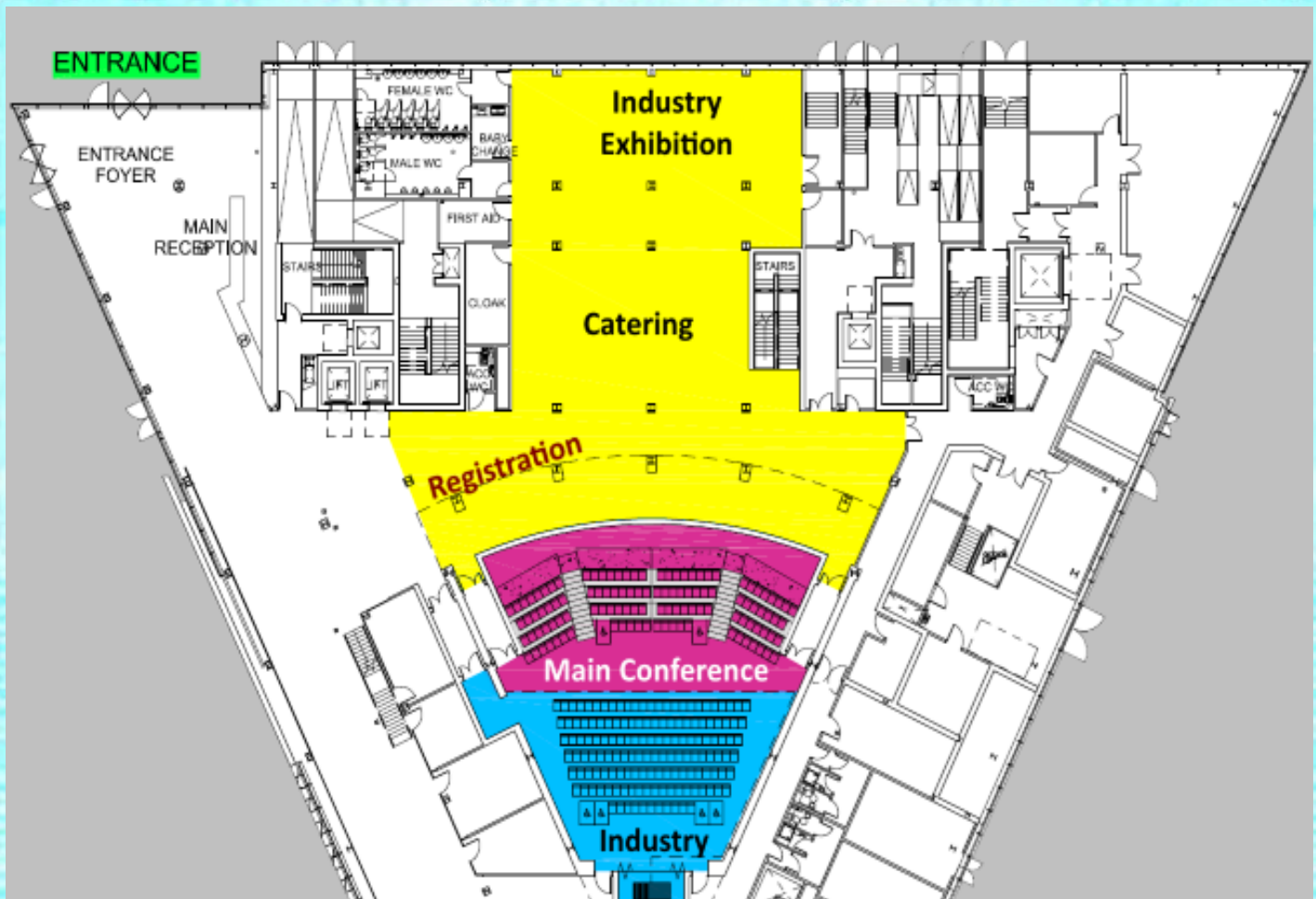
Tuesday 11th October 2016

	Main Conference Main Auditorium	Industry / Implementation Auditorium B	Research *Break-Out 3*
9.25	Person-centred eHealth	1st Industry Session	
10.30	*COFFEE BREAK in Foyer*		
11.00	KEYNOTES: eHealth & Integrated Care Main Auditorium		
12.30	*LUNCH in Foyer*		
1.30 pm	NMAHP eHealth Network	2nd Industry Session	Research Papers Session
2.30 pm	*COFFEE BREAK in Foyer*		
2.50 pm	Scotland eHealth Updates		Short Papers Session I
3.40 pm	KEYNOTES: Scotland eHealth Strategy in Main Auditorium		
4.10 pm	eHealth Awards		
4.30 pm to 6.30pm	*Social Reception in Foyer*		
7 pm	*Gala Dinner in Barony Hall*		

Programme *'at a Glance'*

Wednesday 12th October 2016

	Main Conference Auditorium	Industry Auditorium B	Research *Break-Out 3*
9.30*	eHealth & Care Quality Improvement	eMental Health Workshop* *starts at 9 am	Short Papers Session II
10.30	*COFFEE BREAK in Foyer*		
11.00	KEYNOTES: eHealth & Care Quality Improvement in Main Auditorium		
12.30	*LUNCH in Foyer*		
1.30 pm	ePharmacy	3rd Industry Session	Posters Session
2.30 pm	*COFFEE BREAK in Foyer*		
2.50 pm	eHealth in the Community: Focus on Dementia *in Main Auditorium*		
4.pm	*Conference Ends*		

Conference Layout

- *The Main conference* takes place in the **Main conference Auditorium**
- *The Industry Exhibition, Coffee and Lunch:* take place in the ground floor **Foyer**
- *The Industry Track* conference takes place in the Industry **Auditorium**
- *The Research Track* conference takes place in the **Conference Break-Out Room 3** (Upper Level)

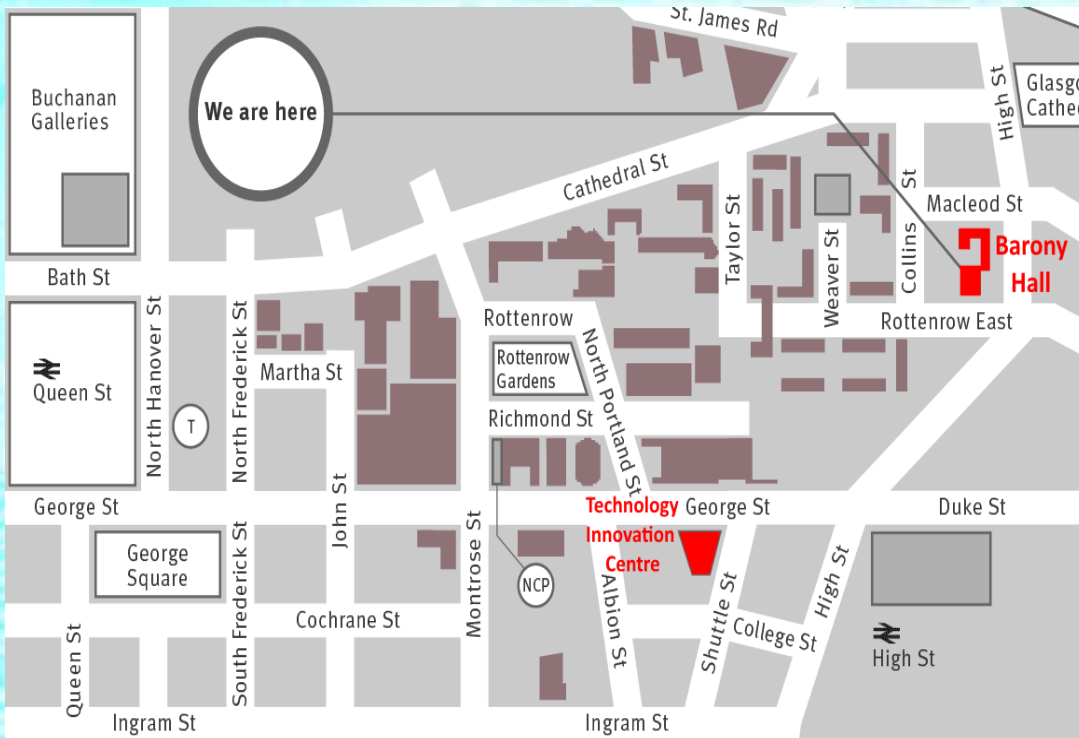## DIGITAL HEALTH AT THE UNIVERSITY OF STRATHCLYDE

Our research group and activities are multidisciplinary and span computing science, information science, psychology, engineering, social science, behaviour sciences, and health informatics. Our research interests and work includes looking at the full development lifecycle of truly person-centered digital health & wellness services and products. We have extensive experience of designing with, and for patients, consumers, citizens and health and social care professionals. We are working on several projects with charities, NHS, industry and public sector bodies to develop usable and effective digital health & wellness products and services to reduce inequalities, improve people's lives and transform the way health and care is delivered and accessed globally.

For more information, please visit us at: **https://dhawg.cis.strath.ac.uk/**

Gala Dinner

GALA DINNER

The Gala Dinner will take place at 7pm in the Barony Hall, Castle Street, Rottenrow East

ABOUT SICSA

The Scottish Informatics and Computer Science Alliance (SICSA) is a collaboration of Scottish Universities whose goal is to develop and extend Scotland's position as a world leader in Informatics and Computer Science research and education.

SICSA is sponsoring the BCS Health Informatics Research Track Conference.

For more information, please visit us at: http://www.sicsa.ac.uk/

USHER INSTITUTE OF POPULATION HEALTH SCIENCES & INFORMATICS, UNIVERSITY OF EDINBURGH
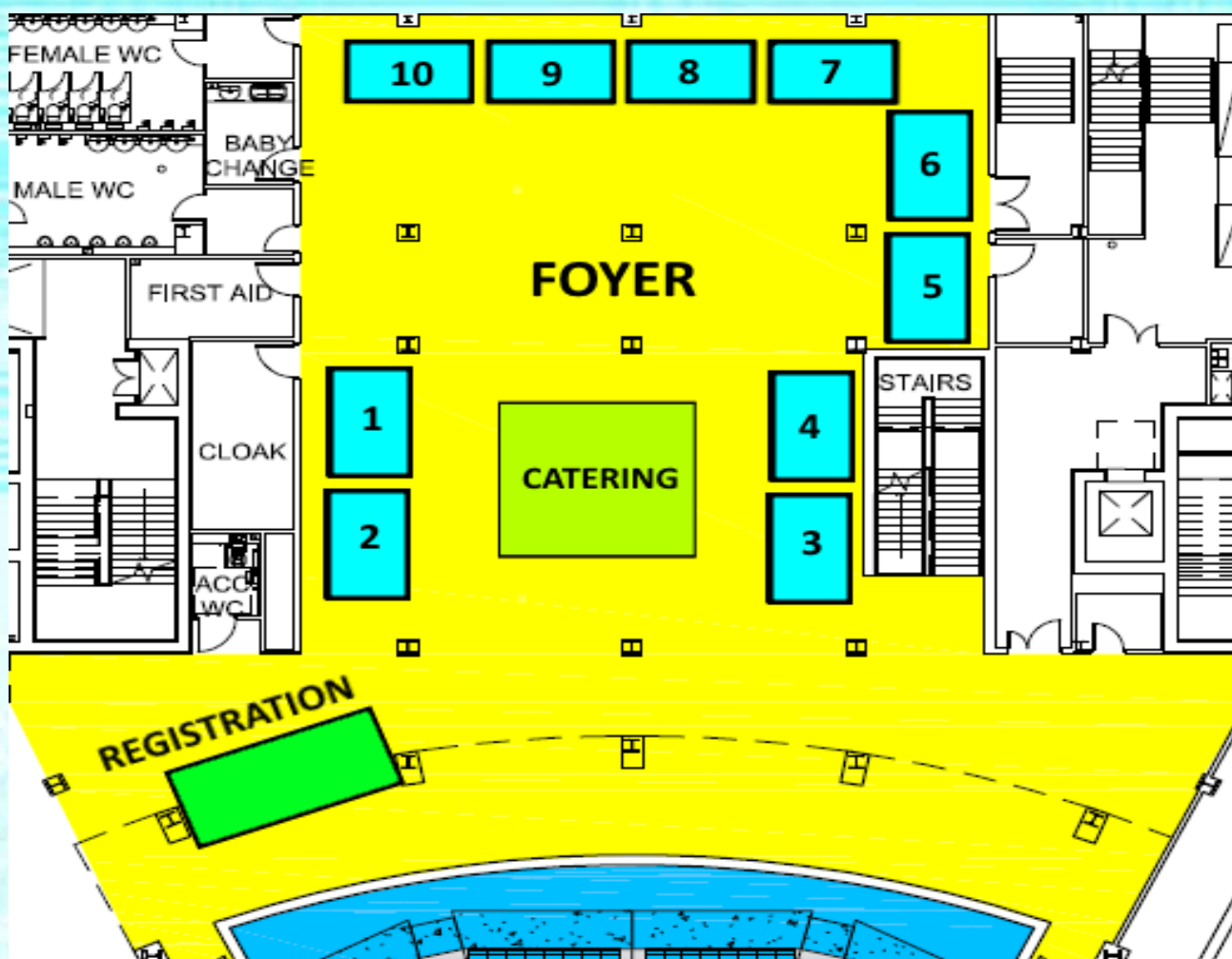
One of five Research Institutes in the College of Medicine and Veterinary Medicine, the Usher Institute is a high-energy, interdisciplinary environment dedicated to improving the health of individuals and populations locally and globally through research, innovation, knowledge exchange and education. Our three core centres focus on Global Health Research, Medical Informatics and Population Health Sciences.

The Usher Institute is sponsoring the BCS Health Informatics Research Track Conference.

For more information, please visit us at: http://www.ed.ac.uk/usher

Industry Exhibitors

Stand Number	Exhibitor
1	JAC computing
2	EMIS Health
3	Voice Technologies
4	INPS Vision
5	SICSA / University of Strathclyde
6	Scottish Government eHealth
7	InterSystems
8	NetApp
9	Qualys
10	Parity Medical / AxSys Technology Ltd

Main Conference Programme

Tuesday 11th October 2016

Time	Speaker	Topic
9.25	**Morning SESSION: Person-centred eHealth** Chair: Andrew Turner, NHS Dumfries & Galloway	
9.25	**Dr Matt-Mouley Bouamrane** Lecturer in eHealth, University of Strathclyde	**Welcome from the Conference Chair**
9.30	**Professor Simon de Lusignan** Professor of Primary Care & Clinical Informatics & Chair in Health Care Management, University of Surrey	**Patient's Online Access to their Medical Records and other Services**
10.00	**David Evans** Director for Policy and Community, BCS, The Chartered Institute for IT	**Trust in Data: is it OK for someone to give my Health Data to Google?**
10.30	**COFFEE BREAK**	
11.00	**KEYNOTES: eHealth & Integrated Care** Chair: Paul Woolman, NHS Forth Valley	
11.00	**Dr Anne Hendry** Clinical Lead for Integrated Care & Senior Fellow, International Foundation for Integrated Care	**Integrated Care: What Matters…**
11.30	**Dr Alastair Bishop** eHealth IT Consultant, Clinical Leadership NHS Greater Glasgow & Clyde	**NHS Greater Glasgow & Clyde's Electronic Patient Record Programme**
12.00	**Dr Paul Campbell** Chair of eHealth Clinical Change Leadership Group	**eHealth 3 C's: 'Computers, Complexity & Clinicians'**
12.30	**LUNCH BREAK**	

Main Conference Programme

Tuesday 11th October 2016

1.30 pm	**1st Afternoon SESSION: NMAHP eHealth** **Chair: Sharon Levy, University of Edinburgh**

1.30 pm	**Dr Carolyn Deighan** Heart Manual Department, Astley Ainslie Hospital / NHS Lothian	**The Digital Heart Manual**
1.50 pm	**Euan McComiskie** AHP Advisor, ISD NHS National Services Scotland	**AHP Operational Measures: A national minimum dataset for Scottish AHPs**
2.10 pm	**Hannah Young** Researcher, PAMIS, University of Dundee	**PAMIS Personal Communication Passports**
2.30 pm	**COFFEE BREAK**	

2.50 pm	**2nd Afternoon SESSION: Scotland eHealth Updates** **Chair: Janice Watson, NHS National Services Scotland**

2.50 pm	**Dr Matt-Mouley Bouamrane** Lecturer in eHealth, University of Strathclyde	**Translation, Innovation & Technology Transfer in Ageing Network (TITTAN)**
3.15 pm	**Sinéad Power[1], Heald Scott[2]** [1]Primary Care Division, The Scottish Government, [2]Associate Director, Public Health & Intelligence NHS NSS	**Update on the Scottish Primary Care Information Resource (SPIRE)**
3.40 pm	**Eddie Turnbull** Head of eHealth, Scottish Government eHealth Division	**Refresher on the Scottish Government eHealth Strategy 2014-2017**
4.10 pm.	**SCOTLAND EHEALTH AWARDS.**	

Main Conference Programme

Wednesday 12th October 2016

9.30	**Morning SESSION:** **eHealth & Care Quality Improvement** **Chair: Jacqueline Caldwell, NHS National Services Scotland**

9.30	**Professor Jason Leitch** National Clinical Director Healthcare Quality and Improvement	**Care Quality Improvement in NHS Scotland**
10.00	**Sir Harry Burns** Professor of Global Public Health University of Strathclyde	**Improving the Health and Wellbeing of the Whole Population**
10.30	**COFFEE BREAK**	
11.00	**KEYNOTES: eHealth & Care Quality Improvement** **Chair: Matt-Mouley Bouamrane, University of Strathclyde**	
11.00	**Paul Gray** Director-General Health and Social Care Chief Executive of NHS Scotland	**Overview from NHS Scotland Chief Executive**
11.30	**Dr Brian Robson** Executive Clinical Director Healthcare Improvement Scotland	**'eHealth: is it Front and Centre yet?'**
12.00	**Mike Ogonovsky** Assistant Director of Informatics, Aneurin Bevan University Health Board	**#TogetherStronger': Co-producing Value and Quality in NHS Wales**
12.30	**LUNCH BREAK**	

Main Conference Programme

Wednesday 12th October 2016

1.30 pm	**1st Afternoon SESSION: ePharmacy** **Chair: Mark McGilchrist, University of Dundee**	
1.30 pm	**Professor Marion Bennie** Professor of Pharmacy, University of Strathclyde / Chief Pharmacist, Public Health & Intelligence , NHS National Services Scotland	**Using our Health Informatics capability to better understand our use of Medicines in NHS Scotland**
2 pm	**Professor Roma Maguire** Professor of Cancer Care and Head of eHealth, School of Health Sciences, University of Surrey	**eSMART: The evaluation of a mobile-phone based remote symptom monitoring system to manage Chemotherapy related Toxicity**
2.30 pm	**COFFEE BREAK**	
2.50 pm	**2nd Afternoon SESSION: eHealth in the Community: Focus on Dementia** **Chair: Dr Ian Thompson, NHS Lothian**	
2.50 pm	**Julie Christie** PhD candidate/ Teaching Associate University of Stirling	**Dementia and Digital Citizenship**
3.15 pm	**Joyce Gray[1], Sandra Shafii[2]** [1]Deputy Director Development, Alzheimer Scotland [2]AHP Dementia Consultant at NHS Lanarkshire	**Technology Charter For People Living with Dementia in Scotland**
3.40 pm	**Closing Debate:** **Chaired by Marilyn Lennon, University of Strathclyde**	**'eHealth in Scotland:** **Where Next?'**
4 pm	*Conference closes...*	

Industry Track Programme

Tuesday 11ᵗʰ October 2016

9.30	First Industry-track SESSION Chair: Madelon Kortenaar, SiteKit	
9.30	**Gary Robinson** Digital Health and Care Institute	**Digital Health Innovation in Scotland**
9.50	**Maria Wolters** University of Edinburgh	**The Alan Turing Institute Healthcare programme**
10.10	**Robert Skipworth** NetApp	**Universal Data Platform: Improving clinical pathways**
10.30	COFFEE BREAK	
11.00	KEYNOTES: in Main conference hall	
12.30	LUNCH BREAK	
1.30 pm	Second Industry-track SESSION Chair: Dr Ian Thompson, NHS Lothian	
1.30 pm	**Martyn Ross and James McPherson** Voice Technologies	**Improving data capture processes using e-Forms and Speech Recognition**
1.50 pm	**Alan Pinder** AxSys Technology	**myCarePod Diabetes App Improving patient experience and education for Young Adults living with Type 1 Diabetes**
2.10 pm	EmisHealth	TBC
2.30 pm	COFFEE BREAK	
2.30 pm	Keynote: in Main conference hall	

Industry Track Programme

Wednesday 12th October 2016

eMENTAL HEALTH WORKSHOP:

NOTE THIS WORSHOP STARTS AT 9AM!

The mental health track will explore the potential of digital technology to contribute to mental health and wellbeing, including exploring how user involvement and empowerment approaches can be adopted. It will feature a number of examples of local multi-partner digital developments.

For more information, please visit us at:

http://ayemind.com/

9 am	**eMental Health Workshop** **Chair: Trevor Lakey, Diane Pennington & Maria Wolters**	
9 am	**Dr Trevor Lakey** NHS Greater Glasgow and Clyde **Dr Diane Pennington** University of Strathclyde **Maria Wolters** University of Edinburgh	**Presentations & Discussions on eMental Health**
10.30	**COFFEE BREAK**	
11.00	**KEYNOTES: in Main conference hall**	
12.30	**LUNCH BREAK**	
1.30 pm	**Third Industry-track SESSION** **Chair: Lachlan MacPherson, NHS Western Isles**	
1.30 pm	**Shona Wares** Regional Sales Manager, INPS	**Our 'Vision' to make your Life easier…**
1.50 pm	**David Hancock** Client Engagement Director, InterSystems	**TBC**
2.10 pm	**Qualys Ltd**	**TBC**
2.30 pm	**COFFEE BREAK**	

Research Track Programme

Tuesday 11th October 2016

10.30	**COFFEE BREAK**
11.00	**KEYNOTES: in Main conference hall**
12.30	**LUNCH BREAK**
1.30 pm	**FIRST AFTERNOON SESSION: Full Papers** Chair: Mark McGilchrist, University of Dundee

1.30 pm	**Laura Moss, John Kinsella, Martin Shaw, Ian Piper, Chris Hawthorne** University of Glasgow / NHS Greater Glasgow & Clyde / Aridhia / Philips Healthcare	**A Platform for the Analysis of Critical Care Data: Update on the CHART-ADAPT Project**
2 pm	**Derek Sleeman, Samuel Cauvin and Jonathan Rhodes** University of Aberdeen / Western General Hospital Edinburgh	**Automated Analysis and Annotation of Datasets from Patients with Severe Traumatic Brain Injury: an Initial Case Study**

2.30 pm	**COFFEE BREAK**
2.50 pm	**SECOND AFTERNOON SESSION: Short Papers & Work in Progress I** Gillian Flett, NHS Education for Scotland

2.50 pm	**Iona Waterston** NHS Education for Scotland	**Using People Connect and Communities of Practices to support the Integration of Health and Social Care in Scotland**
3.10 pm	**Sharon Levy** University of Edinburgh	**Staff perceptions regarding telehealth adoption: lessons learned from care at home pilot in Scotland**

3.30 pm	**KEYNOTES: in Main Auditorium**

Research Track Programme

Wednesday 12th October 2016

9.30	**Morning SESSION: Short Papers & Work in Progress II** **Chair: Marilyn Lennon, University of Strathclyde**	
9.30	**Lisa McCann and Margaret Moore** University of Surrey	**The importance of co-design in the development of an e-Supportive Care System to support families with children and young people with complex health care needs**
9.50	**Andrew Colman** NHS / AC Systems	**Examples of poor design in commonly used NHS Hospital Clinical Information Systems**
10.10	**Derek Sleeman, Samuel Cauvin and Jonathan Rhodes** University of Aberdeen / Western General Hospital Edinburgh	**Recommending Treatments for Traumatic Brain Injury Patients using Decision Tree Analyses**
10.30	**COFFEE BREAK**	
11.00	**KEYNOTES: in Main Auditorium**	
12.30	**LUNCH BREAK**	
1.30 pm	**Poster SESSION** **Chair: Matt-Mouley Bouamrane, University of Strathclyde**	
1.30 pm	*See Poster Presentations details on next page…*	
2.30 pm	**COFFEE BREAK**	
2.30 pm	**Keynote: in Main Auditorium**	

Research Track Programme

Wednesday 12th October 2016

1.30 pm	**Afternoon SESSION:** Poster Session	
	Chair: Matt-Mouley Bouamrane, University of Strathclyde	
1.30 pm	**Mary Paterson[1], Alison McAulay[2] and Brian McKinstry[1]** [1]Usher Institute of Population Health Sciences and Informatics, The University of Edinburgh [2]St John's Hospital at Howden, Livingston	**Integrating third-party telehealth records with the general practice electronic medical record system**
1.50 pm	**Ryan Gibson, Matt-Mouley Bouamrane, Mark Dunlop** University of Strathclyde	**A review of Technology and Communication Modalities to support Clinical Consultations with Adults with mild Learning Disabilities**
2.pm	**Cristina Martin** University of Strathclyde	**Economic Evaluation of Open Reduction Internal Fixation (ORIF) ankle care following a nurse-led protocol against traditional care using Discrete Event Simulation**
2.10 pm	**Linda Lapp** University of Strathclyde	**The Prevalence of Hospital Acquired Infections in Acute Hospitals in Scotland, using statistical modelling and analysis**
2.20 pm	**John Lewis, Matt-Mouley Bouamrane,** University of Strathclyde	**An Analysis of Social Media Use by NHSScotland**
2.30 pm	**COFFEE BREAK**	

Main Conference Speakers

Person-Centred eHealth
Tuesday 11th of October, 9.30 am

PROFESSOR SIMON DE LUSIGNAN
PROFESSOR OF PRIMARY CARE & CLINICAL INFORMATICS & CHAIR IN HEALTH CARE MANAGEMENT, UNIVERSITY OF SURREY

Professor Simon de Lusignan is a senior academic GP and Professor of Primary Care and Clinical Informatics; Chair in Health Care Management; and Head of Department of Department of Clinical and Experimental Medicine at University of Surrey. His research interests include: disease surveillance, quality improvement, how to measure health outcomes from routine data, and incorporating new technology into clinical practice. He is Director of the Royal College of General Practice (RCGP) Research and Surveillance Centre (RSC); England's primary care flu and infectious disease surveillance system; and leading a Lilly supported European Real World Evidence (RWE) centre conducting research into type 2 diabetes.

Professor de Lusignan's research group has current project with a value of £5.2 million. His research focuses on how routinely collected data can be used for quality improvement, improving health outcomes, and how IT is best used at the point of care. He has conducted quality improvement work in: cardiovascular disease, chronic kidney disease, diabetes, mental health, and vaccine preventable disease.
Professor de Lusignan has published more than 200 peer reviewed papers and articles.
http://www.surrey.ac.uk/fhms/people/atoz/simon_de_lusignan/

DAVID EVANS
BCS DIRECTOR FOR POLICY AND COMMUNITY

David joined BCS, The Chartered Institute for IT in 2006. He is Director for Policy and Community. After a physics degree at the University of Southampton, David started his career in IT, then moved into a variety of marketing, communications and policy roles.

He has worked in a range of organisations from technology startups to global technology firm Intel Corporation.

David's background covers science and technology, marketing and communications, public policy and politics. In addition to being a professional member of BCS, he is also a member at the Institute of Directors.

BCS Executive Team: http://www.bcs.org/category/18548

Main Conference Speakers

Keynotes: eHealth & Integrated Care
Tuesday 11th of October, 11 am

DR ANNE HENDRY
CLINICAL LEAD FOR INTEGRATED CARE & SENIOR FELLOW
INTERNATIONAL FOUNDATION FOR INTEGRATED CARE (IFIC)

Anne, a geriatrician, stroke physician and clinical lead for Integrated Care, has extensive experience of transforming health and social care for older people and adults with long term conditions across Scotland.

As a Senior Fellow with the International Foundation for Integrated Care, Anne now promotes the adoption and spread of innovation and good practice on population based, people centred and integrated care and facilitates special interest groups on Intermediate care, complexity, and palliative care. Other work includes leadership development and knowledge exchange initiatives that link Scotland with other systems, participation in the European Innovation Partnership on Active and Healthy Ageing, and in Horizon 2020 funded research projects on chronic care and integrated care. Anne will lead the models of care Work Package in a new European Joint Action on Frailty. She is honorary professor at the University of the West of Scotland, holds honorary appointments with the University of Glasgow and the University of Edinburgh's Global Health Academy, serves as trustee for two national charities, and is a board member of the ALLIANCE Academy.

DR PAUL CAMPBELL,
CHAIR OF eHEALTH CLINICAL CHANGE LEADERSHIP GROUP

Like you, Paul is passionate about 'eHealth'. Healthcare systems around the world continue with attempts to 'digitise' health, for the benefits of patients and their carers. This challenging field is one to which he brings his vast experience, with infectious enthusiasm, reflecting the needs of clinical users. Paul is a graduate in Pharmacy from Strathclyde University, Medicine at Glasgow University, and a Fellow of the Royal College of Anaesthetists. His clinical experience ranges through, Community and Hospital Pharmacy, Pharmaceutical R&D, Medicine in the UK and overseas, Organ Donation, Pre-Hospital & Retrieval Medicine, Critical Care and Anaesthesia. Paul was selected and honoured to successfully complete the NHS Scotland National Leadership training programme, 'Delivering the Future'. Paul brings all of this experience to his role as a Clinical eHealth Lead in Scotland, for the Golden Jubilee National Hospital, NHS Greater Glasgow & Clyde and the Scottish Government eHealth Department. In his eHealth role, he chairs the national eHealth Clinical Leads group. The name of this group, the Clinical Change Leadership Group, reflecting the need for eHealth clinicians to engage in the dual challenges of both technical and adaptive change.

DR ALASTAIR BISHOP
EHEALTH IT CONSULTANT, CLINICAL LEADERSHIP, NHS GGC

Alastair Bishop is an eHealth IT Consultant in NHS Greater Glasgow & Clyde. His main area of interest is in how eHealth can help clinicians provide care more effectively and efficiently. After qualifying in Medicine at Glasgow University in 1994, he gained an MSc in Health Informatics from the same university. Alastair worked as Project Doctor and Programme Manager on a number of clinical systems implementations in NHS Scotland before taking up a secondment to Scottish Government in 2006 to lead the national CHI improvement programme. After a period as Head of Change and Benefits in SG eHealth, Alastair returned to NHS GG&C in 2010 as Service Lead for the Board-wide implementation of the TrakCare PMS. Following the completion of the TrakCare programme, in 2013 Alastair took on the role of eHealth IT Consultant, initially leading for GG&C on the Closing the Loop commission. Subsequently he has represented GG&C on the national HEPMA business case and procurement commissions.

NMHAP eHealth, Tuesday 11th of Oct., 1.30 pm

DR CAROLYN DEIGHAN
HEALTH PSYCHOLOGIST, HEART MANUAL DEPARTMENT,
ASTLEY AINSLIE HOSPITAL, NHS LOTHIAN

Dr Carolyn Deighan is Health Psychologist for the Heart Manual Service, NHS Lothian. The Heart Manual Programme, NHS Lothian, is the UK's leading home based supported self-management resource for individuals with coronary heart disease. Used UK wide and further afield, it is supported by a wealth of evidence including 3 RCTs and is specified in NICE as a comprehensive programme validated for patients who have had a myocardial infarction (MI) or revascularisation. Book or digital formats are available. The Digital MI Manual was recipient of the NHS Scotland e-health award at last year's HIS conference. The new Cancer Manual-'So what do I do now?' is the result of a collaborative project welcomed by many working in this area of healthcare and an obvious candidate for future digitisation. www.theheartmanual.com

EUAN MCCOMISKIE
AHP ADVISOR, ISD NHS NATIONAL SERVICES SCOTLAND

Euan qualified as a Physiotherapist in 2007, working clinically for 8 years combining this with Informatics since 2012 in NHS Lothian. He was appointed as AHP Informatics Lead in 2014 and since then has been part of a number of projects to digitalise AHP services and optimise the use of the electronic patient record. He was appointed as AHP Advisor in the Information Services Division of NHS National Services Scotland in 2015. Nationally, Euan has supported delivery of the AHP MSK 4-week waiting time standard, supported phase 1 of the AHP workforce planning toolkit and supported phase 1 of the AHP Operational Measures project to deliver a minimum dataset for all Scottish AHPs.

Main Conference Speakers

HANNAH YOUNG
RESEARCHER, PAMIS, UNIVERSITY OF DUNDEE

Hannah has a background in psychology, with a focus on parent-child interaction.

Her professional experience includes research, teaching/training and digital developments for PAMIS, a charitable organisation based at the University of Dundee. Hannah has led on a programme of research and development projects that aim to enhance quality of life in people with profound learning disabilities.

Whilst completing her PhD, Hannah is developing a digital tool that aims to facilitate the integration of health and social care. The project is currently funded by the Scottish Government to realise the value of the resource for people with learning disabilities within education, health and social care settings.

She also acts as Welfare Guardian for her younger brother.

eHealth in Scotland Updates
Tuesday 11th of October, 2.50 pm
DR. MATT-MOULEY BOUAMRANE
LECTURER IN eHEALTH, UNIVERSITY OF STRATHCLYDE

Matt is the BCS Health Informatics Scotland conference Chair.
He is a Chancellor's Fellow and Lecturer in eHealth / Health Informatics at the Department of Computer and Information Sciences (CIS) of the University of Strathclyde.

He has conducted sociotechnical systems research on integrated care pathways & information management processes in perioperative medicine / elective surgery as a Chief Scientist Office (CSO) postdoctoral Fellow (2010-2013). He was — along with Prof. Frances Mair, University of Glasgow and Dr. Marilyn Lennon, University of Strathclyde — a co-investigator in the evaluation of the Innovate UK Delivering Assisted Living Lifestyles at Scale programme (dallas, 2012-2015).

He is currently collaborating with a number of NHS boards on eHealth implementation / health analytics projects, including NHS Greater Glasgow and Clyde, NHS Forth Valley, NHS Grampian, NHS Highlands and the Golden Jubilee Foundation.

He is currently collaborating with the Digital Health & Care Institute on the European Interreg TITTAN programme (Translation, Innovation & Technology Transfer in Ageing Network), which aims to establish a network of knowledge exchange with 7 European regions with the aim of fostering innovation and technology transfer in the field of eHealth.

Main Conference Speakers

SINEAD POWER
TEAM LEADER, ENGAGEMENT AND INNOVATION TEAM
PRIMARY CARE DIVISION, THE SCOTTISH GOVERNMENT

Sinéad joined the Scottish Government in 2006 having previously completed a PhD at the University of Edinburgh and worked as an academic researcher. She began working in the Scottish Government's Health Directorate in 2012 in secondary care policy. In September 2015 she joined the Scottish Governments Primary Care Division as Team Leader in the Innovation and Improvement Team. In December 2015 Sinéad completed the Institute for Healthcare Improvement's Improvement Advisory Professional Development Programme.
Sinéad is policy lead for the Primary Care Transformation Programme and SPIRE within the Scottish Government.

SCOTT HEALD
ASSOCIATE DIRECTOR PUBLIC HEALTH & INTELLIGENCE NHS NSS

Scott is a statistician by background with 20 years experience in the health service. He is currently an Associate Director with NHS National Services Scotland (NSS), leading its Data Management & Strategic Development function, with responsibility for the majority (approx 100) of health related data sets within NHS Scotland. Services include data monitoring, quality assurance, definitions and standards, terminology services, database management and development, and information governance. Major programme of modernisation work currently in progress focussing on data to support health and care integration.
Scott is also the Head of Profession for Statistics and has a leadership responsibility in ensuring the UK Statistics Code of Practice is implemented and adhered to across NHS National Services Scotland.

EDDIE TURNBULL
HEAD OF SCOTTISH GOVERNMENT eHEALTH

Eddie Turnbull is currently the Head of eHealth for the Scottish Government. Eddie has worked for Scottish central government for 36 years, always with ICT leadership as a career anchor. He has held various non-ICT roles ranging from Accountable Officer/Director of Finance to Operations Manager for direct public services. Over the years he has directed a number of large national programmes with ICT as the major enabler.
His current role is to ensure that eHealth activity across NHSScotland is coordinated and supports the aims of the NHSScotland Quality Strategy, delivers joined-up provision of healthcare in pursuit of Scotland's 2020 Vision of health and care, and ties in with the change and improvement agendas set out by the Scottish Government.

He is actively involved is shaping and delivering a number of Scotland's wider strategic digital initiatives.

eHealth & Care Quality Improvement
Wednesday 12th of October, 9.30 am

PROFESSOR JASON LEITCH

NATIONAL CLINICAL DIRECTOR, HEALTHCARE QUALITY AND IMPROVEMENT

Jason has worked for the Scottish Government since 2007 and in January 2015 was appointed as The National Clinical Director in the Health and Social Care Directorate. He is a Scottish Government Director and a member of the Health and Social Care Management Board. He is one of the senior team responsible for the NHS in Scotland. He is an Honorary Professor at the University of Dundee.

Jason was the 2011 UK Clinician of the Year. He was a 2005-06 Quality Improvement Fellow at the Institute for Healthcare Improvement, in Boston, sponsored by the Health Foundation. Jason is also a trustee of the UK wing of the Indian Rural Evangelical Fellowship which runs orphanages in southeast India. He has a doctorate from the University of Glasgow, an MPH from Harvard and is a fellow of the Royal College of Surgeons of England, The Royal College of Physicians and Surgeons of Glasgow and the Royal College of Surgeons of Edinburgh. He is also a Fellow of the Higher Education Academy.

Jason was appointed to NHS England review group led by Don Berwick looking into the patient safety elements of the Francis Enquiry.

SIR HARRY BURNS

PROFESSOR AT THE INSTITUTE FOR GLOBAL PUBLIC HEALTH, UNIVERSITY OF STRATHCLYDE

Sir Harry Burns initially pursued a career in general surgery, and for five years he was a consultant surgeon at the Glasgow Royal Infirmary.

He took up a managerial role as the Medical Director of the Glasgow Royal Infirmary. He worked as deputy director of planning and contracts at Greater Glasgow in 1992, becoming the Director of public health for Greater Glasgow the following year. In 1999 he was awarded a visiting professorship in public health medicine at the University of Glasgow. He took up the post of Chief Medical Officer for Scotland in 2005. He was co-chair of the Scottish Government's Early Years Taskforce which was set up in 2011. Burns helped Scotland conceptualise health improvement differently, being aware that the small gains that resulted from a range of interventions can add up to produce significant overall improvements. Sir Harry Burns was knighted in 2011 for his work on conducting research on public health policies and interventions to reduce health inequalities.

He became a member of the Scottish Government Council of Economic Advisers (CEA) in 2014. He is Professor of Global Public Health at the University of Strathclyde since 2014.

eHealth & Care Quality Improvement

Wednesday 12th of October, 11 am

PAUL GRAY
DIRECTOR-GENERAL HEALTH AND SOCIAL CARE, CHIEF EXECUTIVE OF NHSSCOTLAND

Paul Gray was appointed Director-General for Health and Social Care and Chief Executive of NHSScotland in December 2013. The Director General for Health and Social Care is responsible for maintaining a high standard of care for the people of Scotland and for providing support to Scotland's health and social care professionals. The Director-General Health and Social Care is a member of the Scottish Government's Strategic Board.

Paul Gray joined the Scottish Government in 1979. Paul's previous posts included the Scottish Government's Director of Change and Corporate Services, up to July 2009, with responsibility for senior staff development and deployment; human resources; information systems and services; accommodation and estates services; corporate learning; employee engagement; and the Scottish Government's business improvement and change programmes. Before that, he was Director of Primary and Community Care - having joined Health in October 2005. His responsibilities included Primary Care, Community Care, Care of Older People, Adults at Risk, Dental services, Pharmaceutical services and General Medical Services. He held the role of Director of eHealth simultaneously.

MIKE OGONOVSKY
ASSISTANT DIRECTOR OF INFORMATICS, ANEURIN BEVAN UNIVERSITY HEALTH BOARD

Mike Ogonovsky is Assistant Director of Informatics at Aneurin Bevan University Health Board.

As Head of Health and Social Care Informatics at NHS Wales (2011 - June 2016), he was responsible for the management of the Clinical Directorate and professional leadership of informatics for NHS Wales, including Safety and Governance. He led a programme of work on Design of clinical solutions, procurements, clinical engagement and requirements gathering across healthcare business, finance, performance management and multiple clinical settings. He also led a programme of work on patient driven information, patient experience, community, mental health and social care system procurement, transparency, performance dashboard design.

As Programme Manager at NHS Wales (2007 -2011), he successfully delivered a portfolio of projects across Wales including: Individual Health Record Project (IHR), the Welsh Clinical Communications Gateway (eReferrals and discharges), GP Test Requesting, and 'My Health on Line'.

DR BRIAN ROBSON, EXECUTIVE CLINICAL DIRECTOR, HEALTHCARE IMPROVEMENT SCOTLAND

A graduate of Glasgow University and Harvard School of Public Health, Brian has a background in General Practice, GP out of hours, telephone triage and latterly eHealth and Quality Improvement. He was a Health Foundation Quality Improvement Fellow (2008-9) with the Institute for Healthcare Improvement (IHI) in Boston, Massachusetts where he was involved in leading a subcommittee of the IHI Board exploring the role of Health Information Technology in accelerating quality improvement.

In 2009 he completed an MPH (Clinical Effectiveness) at Harvard School of Public Health. He is the Board Executive Clinical Director for Healthcare Improvement Scotland with responsibilities including clinical leadership of patient safety, eHealth, measurement and clinical engagement. He sits on the Scottish Government eHealth Strategy Board and continues his interest in health IT as faculty with IHI.

ePharmacy

Wednesday 12th of October, 1.30 pm

PROFESSOR MARION BENNIE
PROFESSOR, STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

Marion is a qualified pharmacist who graduated from The Robert Gordon's University with a BSc in Pharmacy followed by a MSc in Clinical Pharmacy at the Universtiy of Strathclyde. She obtained an Advanced Diploma in Clinical Pharmacy Teaching from the University of Leeds.

She holds a senior joint appointment with the NHS in Scotland as Chief Pharmacist, Public Health and intelligence, National Services Scotland which provides national and specialist services across Scotland. In 2008 Marion took up a 50% appointment as Professor of Pharmacy Practice in Strathclyde Institute of Pharmacy and Biomedical Sciences (SIPBS).

PROFESSOR ROMA MAGUIRE
PROFESSOR OF CANCER CARE, HEAD OF EHEALTH RESEARCH, UNIVERSITY OF SURREY

Roma Maguire is a Professor of Cancer Care and Head of eHealth at the School of Health Sciences, University of Surrey. She also holds an Honorary Nurse Consultant post at NHS Lanarkshire. Her research interests include eHealth, Cancer Care, LTC Management, Patient Experience, Supportive Care, Predictive Risk Modelling, Connected Health and the Internet of Things. She has significant experience in the design and conduct of multi-site clinical trials and the development and evaluation of eHealth interventions. She is Principal Investigator for several UK studies including the EU FP7 eSMART study which is evaluating the impact of a mobile phone based remote patient monitoring system on chemotherapy related toxicity.

eHealth in the Community:
Focus on Dementia
Wednesday 12th of October, 2.50 pm

JULIE CHRISTIE
RESEARCH, DEVELOPMENT AND CONSULTANCY MANAGER, DEMENTIA CENTRE, HAMMONDCARE.

TEACHING ASSOCIATE AT THE UNIVERSITY OF STIRLING, FACULTY OF SOCIAL SCIENCES.

Julie has a background in nursing and social work practice.

She is finalising her PhD at the University of Stirling. Her research focus is on the development of a model of resilience for people who have dementia. She is interested in issues of citizenship, the politics of recognition; and developing co-production practice in the context of health and social care integration, in social media use and in academia, including research practice.

She is the co-founder of the Twitter community for PhD research into the subject of dementia #demphd.

Twitter: @juliechristie1

JOYCE GRAY

DEPUTY DIRECTOR DEVELOPMENT, ALZHEIMER SCOTLAND

Joyce joined Alzheimer Scotland in January 2010 as Deputy Director of Development and leads on major projects that have attracted international interest e.g. Dementia Dog. Joyce has a BA in Business and Enterprise and IPD Diploma in Training Management, in addition to over 30 years experience in the health and social care sector.

She started her career as a Psychiatric Nurse, but had the opportunity to join the voluntary sector in the early nineties and has since worked with young people excluded from main stream education, managed Carers Centres where she developed one of the first young carers services in the Scotland. Also before joining Alzheimer Scotland she worked on developing new and innovative services for people with learning disabilities.

In her current role she drives the design innovation programme at Alzheimer Scotland pioneering the use of creativity to help build collaborative user driven service innovation.

http://www.alzscot.org/

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ABOUT JAC

JAC is the UK's leading medicines management systems specialist, with the largest installed base of EPMA (e-prescribing and medicines administration) systems in UK hospitals.

With over 30 years' experience within medicines management, JAC provides pharmacy management, EPMA and CMS (for chemotherapy), along with associated services and third-party interfaces, as a single end-to-end solution.

JAC's systems are used as the primary medicines management system in more than half of all NHS trusts in England as well as sites in Scotland, Wales, Northern Ireland, Ireland, Norway and South Africa.

The JAC EPMA solution includes integrated in-patient and out-patient prescribing, discharge prescribing, decision support for providing warnings on allergies, drug-drug interactions and therapeutic duplicates, as well as bed-side medicines administration support and recording.

JAC works closely with hospitals, trusts, health services and other healthcare providers - establishing strong relationships through the sharing of ideas, knowledge and expertise - to help them drive improvements in the delivery of healthcare through effective IT solutions for medicines management.

In May 1996, JAC was acquired by Mediware Inc and continues to operate as a wholly owned subsidiary. The acquisition by Mediware Inc created the world's largest supplier of medicines management systems for hospital pharmacies.

For more information about JAC products and services, visit our website at:

www.jac.co.uk

ABOUT PARITY MEDICAL

Parity has been established since 1989 having a long and successful history of integrating bespoke technology solutions for its customers. From its humble beginnings Parity now has an expansive headquarters on the Wirral to service its UK and Ireland customers. Parity now integrates a wide range of its own and third party technology solutions for some of the biggest names in the Healthcare Technology sector. Parity has developed a wide range of customers including: Public & Private Healthcare Providers, Healthcare Technology Integrators, Independent Healthcare Software Vendors, Healthcare Equipment Manufacturers / OEMs.

For more information about Parity, visit our website at:

http://www.paritymedical.com/

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About EMIS Health

We're the UK leader in connected healthcare software and services.

Through innovative IT, we're giving healthcare professionals access to the information they need to provide better, faster and cheaper patient care.

We provide every health sector with innovative technologies, from market-leading clinical management systems to health analytics tools – combined with unrivalled customer support.

Our sectors: You'll find EMIS Health systems across every major UK healthcare setting. That's because we provide tailored software that meets specific requirements, and also interoperates and integrates with other systems.

Our national reach includes clinical software used in every major healthcare setting by 10,000 organisations - from GP surgeries to high street pharmacies, community, hospitals, and specialist services.

By providing innovative, integrated solutions, we're working to break the boundaries of system integration and interoperability.

For more information about EMIS Health, visit our website at:

https://www.emishealth.com/

About Qualys

Qualys, is a pioneer and leading provider of cloud-based security and compliance solutions with over 8,800 customers in more than 100 countries, including a majority of each of the Forbes Global 100 and Fortune 100.

For more information, please visit:

www.qualys.com

The Qualys Cloud Platform and integrated suite of solutions help organizations simplify security operations and lower the cost of compliance by delivering critical security intelligence on demand and automating the full spectrum of auditing, compliance and protection for IT systems and web applications.

Founded in 1999, Qualys has established strategic partnerships with leading managed service providers and consulting organizations including Accenture, BT, Cognizant Technology Solutions, SecureWorks, Fujitsu, HCL Comnet, Infosys, NTT, Optiv, Tata Communications, Verizon and Wipro. The company is also a founding member of the Cloud Security Alliance (CSA).

ABOUT INPS / VISION

INPS are the people behind Vision, the clinical system that is used extensively within primary care settings and the wider healthcare environment throughout the UK.

Vision is set to revolutionise the digital healthcare experience. With simple screens and rapid response times, the next generation of Vision offers an amazing user experience that leapfrogs other systems. With fast and accurate data capture during patient encounters, online interaction for patients and an open approach to interoperability and collaboration, Vision gives CCGs and health boards infinite possibilities to provide high quality and cost-effective health care services. Choice and Interoperability: We are advocates of choice and interoperability, encouraging healthcare professionals to use preferred specialist systems that allow them to work effectively and efficiently, and at the same time, provide their patients with the best possible care. INPS is part of the Cegedim group of companies. Founded in 1969, Cegedim is a global technology and services company specialising in the healthcare field. Cegedim supplies services, technological tools, specialised software, data flow management services and databases. Its offerings are targeted notably at healthcare industries, life sciences companies, healthcare professionals and insurance companies.

The world leader in life sciences CRM, Cegedim is also one of the leading suppliers of strategic healthcare industry data. For more information, please visit:

http://www.inps.co.uk/

ABOUT INTERSYSTEMS

Six years ago NHS Scotland began to deploy InterSystems TrakCare health information system as a patient management system in five health boards, and InterSystems Ensemble rapid integration platform nationally. Today, TrakCare helps 11 territorial health boards and one special board to manage the health of over 90% of the patient population. Meanwhile, Ensemble connects information and processes between numerous applications and organisations. Also, in NHS Lothian InterSystems HealthShare health informatics platform is used as an inter-agency service to share information between three social service organisations for at-risk adults, with plans to extend the service for at-risk children. This common foundation of operational systems makes InterSystems an ideal partner to support new types of strategic interoperability initiatives, to further the digital maturity of health and social care, improve outcomes, along with the user and patient experience. Sharing information is vital but information overload is a hazard, clinicians and care professionals just want the right information for the right patient delivered at the right time. Ideally, this means placing relevant information into normal workflow in their primary EPR or Social Care Case Management solution. This is the easiest way for users and also the most efficient, least risk, lowest cost approach to maintain.

For more information, please visit:
http://www.intersystems.com/uk/

CONFERENCE COMMITTEE

British Computer Society (BCS) Health Scotland is a multi-professional group that aims to promote the development and use of Health Informatics in Scotland to support effective, evidence based, efficient health and social care in areas of research, education, practice, and management decision making. This is intended to benefit the health of individuals, communities, and populations that receive health and social care services and the staff and organisations that deliver health and related services.

Join us at: http://www.scotshi.bcs.org.uk/

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BCS HEALTH INFORMATICS 2017

BOOK THE DATES!!!

The 2017 BCS Health Informatics Conference will take place in Edinburgh Surgeon's Hall on 3/4 October 2017

Conference information:

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